What is claimed is:

1.   A method for managing a plurality of proximity service systems, comprising the steps of:

storing in a proximity service provider computer system a plurality of proximity service codes, each proximity

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service code being uniquely associated with one or more proximity service systems, each proximity service system providing a predetermined service in response to receiving an authorization code from a proximity authorization unit;

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providing access to the proximity service codes stored in the proximity service provider computer system to a customer;

receiving from the customer the customer's selection of one or more of the proximity service codes stored in

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the proximity service provider computer system by inputting a customer code uniquely identifying the

particular customer and an identification of the

selected proximity service codes; and

providing to the customer by the proximity service

provider computer system a proximity authorization

5 code unique to the customer for the selected

proximity service code and unique for the selected

proximity authorization unit and a system customer code

uniquely identifying the customer, the proximity

authorization code permitting the customer to

10 operate proximity service systems associated with

the proximity service code by outputting the

proximity authorization code by the customer using

the customer's proximity authorization unit for

activating one of the proximity service systems

15 associated with the selected proximity service codes

to provide the predetermined service.

2. The method of claim 1, further comprising the steps of:

displaying to the customer a list of proximity authorization

units by the proximity service provider computer

system that are available to authorize the proximity

service systems associated with the selected

proximity service codes; and

receiving from the customer the customer's selection of at

least one of the displayed proximity authorization

units.

3. The method of claim 1, further comprising the step of

establishing the proximity service provider computer system as a

web site on the Internet.

4. The method of claim 1, further comprising the step of

receiving information, by the proximity service provider computer

system, from the proximity service systems indicating usage of the

proximity service systems, the information including proximity

authorization codes identifying the customers using the proximity service systems, and proximity service codes identifying the proximity service systems.

5.   The method of claim 4, further comprising the steps of collecting money from a third party based on the information received by the proximity service provider computer system indicating usage of the proximity service systems; and placing the money into a predetermined account of an owner of at least some of the proximity service systems.

6.   The method of claim 5, wherein the third party is a legacy card company.

7.   The method of claim 4, wherein at least some of the proximity service systems are owned by a first owner, and at least some of the proximity service systems are owned by a second owner, and wherein the method further comprises the steps of outputting a

statement for the first owner indicative of usage of the proximity

service systems owned by the first owner, and outputting a statement

for the second owner indicative of usage of the proximity service

systems owned by the second owner.

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8.   The method of claim 7, further comprising the step of

outputting a statement for each customer identified by the proximity

authorization codes received by the proximity service provider

computer system indicating usage of the proximity service systems.

9.   The method of claim 8, wherein in the step of outputting

the statement, the statement includes the location of the proximity

service systems providing the predetermined services, the amounts

paid, and the dates of the providing of the predetermined services.

10. The method of claim 4, further comprising the step of outputting a statement for each customer identified by the proximity authorization codes received by the proximity service provider computer system indicating usage of the proximity service systems.

11. The method of claim 10, wherein in the step of outputting the statement, the statement includes the location of the proximity service systems providing the predetermined services, the amounts paid, and the dates of the providing of the predetermined services.

12.   The method of claim 1,further comprising the steps of:

providing access to the proximity service codes stored in

the proximity service provider computer system to

an operator;

5   receiving from the operator the operator's selection of one

or more of the proximity service codes stored in the

proximity service provider computer system by

inputting an identification of the selected proximity

service codes.

13.   The method of claim 12, further comprising the step of

receiving information, by the proximity service provider computer

system, from the proximity service systems indicating usage of the

proximity service systems, the information including proximity

5   authorization codes identifying the customers using the proximity

service systems, and proximity service codes identifying the

proximity service systems.

14. The method of claim 13, wherein at least some of the proximity service systems are registered to be operated by a first operator, and at least some of the proximity service systems are registered to be operated by a second operator, and wherein the method further comprises the steps of outputting a statement for the first operator indicative of usage of the proximity service systems operated by the first operator, and outputting a statement for the second operator indicative of usage of the proximity service systems operated by the second operator.

15. The method of claim 1, wherein the proximity service systems are selected from a group of proximity service systems comprising access services, vending machine services, vehicle services, meter services, audio and/or video communication services, and toll services.

16.   The method of claim 1,wherein an owner of the proximity

service provider computer system guarantees payment to an owner

of at least one of the proximity service systems when the proximity

service system owned by the owner is operated by a proximity

5   authorization code provided to the customer by the proximity service

provider computer system.

17.   The method of claim 1, wherein in the step of storing in

the proximity service provider computer system the plurality of

10   proximity service codes, the proximity service provider computer

system is defined further as a plurality of Web sites established on

the Internet.

18.   The method of claim 17, wherein in the step of storing in

15   the proximity service provider computer system the plurality of

proximity service codes, each of the Web sites is directed to providing

services for at least one type of proximity service system selected

from the group comprising access services, vending machines

services, vehicle services, meter services, audio and/or video
communications services, and toll services.

19.   The method of claim 1, further comprising the steps of:

5   providing access to a plurality of individualized

predetermined payment methods to the customer;

receiving from the customer the customer's selection of

one or more of the individualized predetermined

payment methods.

20.   The method of claim 1, wherein before the step of
providing access to the proximity service codes, the method further
comprises the steps of:

providing access to a plurality of individualized

5   predetermined payment methods to the customer;

receiving from the customer the customer's selection of

one or more of the individualized predetermined

payment methods;

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and wherein the step of providing access to the proximity

service codes is defined further as providing access

to selected proximity service codes stored in the

proximity service provider computer system to the

customer based on the customer's selection of the

individualized predetermined payment methods.

21. The method of claim 1, further comprising the steps of:

providing access to a plurality of individualized

predetermined payment methods to an owner of

proximity service systems; and

receiving from the owner of the owner's selection of one

or more of the individualized predetermined

payment methods.

22.   The method of claim 21, wherein at least one of the
individualized predetermined payment methods are PSPS cyber card
codes for permitting local authorization of transactions at the
proximity service system.

23.   The method of claim 21, further comprising the step of
outputting a cyber card code to be at least one of incorporated into
and stored by selected proximity service systems associated with the
owner.

24.   A method for authorizing a proximity service system to
provide a predetermined service without obtaining remote
authorization for each transaction, comprising the steps of:

storing, by the proximity service system, a service

provider identification number and a cipher

algorithm;

receiving, by the proximity service system, a customer

access cyber card code;

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processing, by the proximity service system, the customer

access cyber card code with the cipher algorithm to

produce a code;

comparing, by the proximity service system, the service

5   provider identification number with the code; and

providing, by the proximity service system, the

predetermined service if the service provider

identification number corresponds with the code in a

predetermined manner.

25.   A local authorization system comprising:

a plurality of proximity authorization units, each proximity

authorization unit capable of storing and outputting

a unique request authorization code;

5   a proximity service provider providing a unique request

authorization code to each of the proximity

authorization units and each of the proximity

authorization units storing the request authorization

code provided by the proximity service provider, the

request authorization code including a proximity

service provider code and a customer code, the

proximity service provider code uniquely identifying

the proximity service provider providing the request

authorization code to the proximity authorization unit

and the customer code uniquely identifying a

particular customer, the request authorization

codes provided to the proximity authorization units

being encrypted with a private key associated with

the proximity service provider;

a plurality of proximity service units, each proximity

service unit providing a predetermined service when

activated in response to receiving and validating the

request authorization code from one of the proximity

authorization units, each proximity service unit

receiving and storing a public key and the proximity

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service provider code from the proximity service provider, each proximity service unit validating each request authorization code received from one of the proximity authorization units by decrypting the request authorization codes with the public key and comparing the proximity service provider code received by the proximity service unit from the proximity service provider with the proximity service provider code decrypted from the request authorization codes received from the proximity authorization units, the proximity service unit providing the predetermined service upon matching the proximity service provider code received by the proximity service unit with the proximity service provider code decrypted from the request authorization code received from the proximity authorization unit.

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26. A proximity service provider system for managing a plurality of proximity service systems, the proximity service provider system comprising:

at least one PSPS Web site established on the Internet, the PSPS Web site comprising:

an owner database server receiving an owner's offering of proximity service systems, including a physical location for each proximity service system, a payment method for each proximity service system and a financial location for depositing money collected from usage of the proximity service systems, each of the proximity service systems being identified by a stored proximity service code, the payment method selected by the owner for each proximity service system serving as a predetermined payment method for the particular proximity service system;

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a customer database server permitting a customer

to select proximity service systems identified

by the stored proximity service codes in the

owner database server, the customer

database server receiving a customer's

selection of proximity service systems offered

by the owner of the proximity service systems,

the customer's selection including a selection

of a payment method from the predetermined

payment methods for each proximity service

system selected by the customer.

27.   The proximity service provider system of claim 26,

wherein the PSPS Web Site is constructed by a method comprising

the steps of:

5   providing a master operating software system designed by the

steps of:

providing, first, a design matrix having at least two axes with the

system application programs being represented on one of

the axes, and user requirement elements for providing

10   services to at least two of users of proximity services,

owners of proximity services, operators of proximity

services and financial services being represented by

another one of the axes, the system application programs

each defining a particular technology, and each of the

15   user requirement elements defining a particular user

requirement;

locating one unique intersection point between each of the user

requirement elements represented on one of the axes and

the system application programs represented by another

20   one of the axes in the design matrix; and

developing a technology converter requirement for each

intersection point, each technology converter requirement

using the system application program at each intersection

point to develop an output satisfying the user requirement

25   element at the corresponding intersection point.

28.   The proximity service provider system of claim 26,

wherein the owner database server receives information from the

proximity service systems indicating usage of the proximity service

systems, the information including proximity authorization codes

identifying the customers using the proximity service systems, and

proximity service codes identifying the proximity service systems.

29.   The proximity service provider system of claim 28, further

comprising the steps of collecting money from a third party based on

the information received by the owner database server indicating

5   usage of the proximity service systems; and placing the money into

the financial location designated by the owner of at least some of the

proximity service systems.

30.   The proximity service provider system of claim 29,

wherein the third party is a legacy card company.

31.   The proximity service provider system of claim 28,

wherein at least some of the proximity service systems are owned by

a first owner, and at least some of the proximity service systems are

owned by a second owner, and wherein the owner database server

5   outputs a statement for the first owner indicative of usage of the

proximity service systems owned by the first owner, and outputs a

statement for the second owner indicative of usage of the proximity

service systems owned by the second owner.

32.   The proximity service provider system of claim 28,

10   wherein the customer database server outputs a statement for each

customer identified by the proximity authorization codes received by

the owner database server indicating usage of the proximity service

systems.

33.   The proximity service provider system of claim 26, further

comprising an operator database server permitting an operator to

select proximity service systems identified by the stored proximity

service code in the owner database server.

34.   The proximity service provider system of claim 33,

wherein the operator database server receives information from the

proximity service systems indicating usage of the proximity service

systems, the information including proximity authorization codes

5   identifying the customers using the proximity service systems, and

proximity service codes identifying the proximity service systems.

35. The proximity service provider system of claim 34, wherein at least some of the proximity service systems are registered to be operated by a first operator, and at least some of the proximity service systems are registered to be operated by a second operator,

5 and wherein the operator database server outputs a statement for the first operator indicative of usage of the proximity service systems operated by the first operator, and outputs a statement for the second operator indicative of usage of the proximity service systems operated by the second operator.

36. The proximity service provider system of claim 35,wherein the proximity service systems are selected from a group of proximity service systems comprising access services, vending machine services, vehicle services, meter services, audio and/or video

5 communication services, and toll services.

37.   A master integrated technology system, comprising:

a computer platform having at least one computer platform

operating systems program;

at least two system application programs installed

on the computer platform with the system

application programs programmed to run on

the computer platform; and

a master operating software system designed by the

steps of:

providing, first, a design matrix having at least two

axes with at least one predetermined

technology element being represented on one

of the axes, and user requirement elements

for providing services to at least two of users

of proximity services, owners of proximity

services, operators of proximity services and

financial services being represented by

another one of the axes, the predetermined

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technology elements each defining a

particular technology, and each of the user

requirement elements defining a particular

user requirement;

30   locating one unique intersection point between each

of the user requirement elements represented

on one of the axes and the available

technology elements represented by another

one of the axes in the design matrix; and

35   developing a technology converter requirement for

each intersection point, each technology

converter requirement using the

predetermined technology element at each

intersection point to develop an output

40   satisfying the user requirement element at the

corresponding intersection point;

the master operating software system comprising:

a master input/output system running on the

computer platform and using at least one of

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the operating system programs, the master

input/output system automatically detecting

each of the system application programs

installed on the computer platform, and

selectively providing user information to the

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system application programs so that the

system application programs configure

themselves into a predetermined

configuration;

a master element manager running on the computer

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platform and using at least one of the

operating systems programs, the master

element manager capable of controlling the

system application programs when the system

application programs are in the pre-

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determined configuration and the master

element manager, upon activation, providing

predetermined user information to one of the

system application programs to control the

system application program; and

65   a master user interface manager system having a

user requirement database and

communicating with the master element

manager such that, upon activation, the

master user interface manager instructs the

70   master element manager to provide pre-

determined user information to at least a pre-

determined portion of at least one of the

system application programs whereby in

response, the system application programs

75   outputs identified user information to the

master user interface manager requirement

database.

38. The master integrated technology system of claim 37 wherein at least one of the operating system platforms is an intranet platform.

39. The master integrated technology system of claim 37 wherein at least one of the application programs is located on the Intranet.

40. The master integrated technology system of claim 37 wherein at least one of the operating system platforms is an Internet platform.

41. The master integrated technology system of claim 37 wherein at least one of the application programs is located on the Internet.

42. A master integrated technology system, comprising:

a computer platform having at least one computer platform operating systems program;

at least two system application program installed on the computer platform with the system application programs programmed to run on the computer platform; and

a master operating software system designed by the steps of:

providing, first, a design matrix having at least two axes with at least one predetermined technology element being represented on one of the axes, and user requirement elements for providing services to at least two of users of proximity services, owners of proximity services, operators of proximity services and financial services being represented by another one of the axes, the predetermined

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technology elements each defining a

particular technology, and each of the user

requirement elements defining a particular

user requirement;

locating one unique intersection point between each

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of the user requirement elements represented

on one of the axes and the available

technology elements represented by another

one of the axes in the design matrix; and

developing a technology converter requirement for

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each intersection point, each technology

converter requirement using the

predetermined technology element at each

intersection point to develop an output

satisfying the user requirement element at the

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corresponding intersection point;

the master operating software system program,

comprising:

a master input/output system running on the

computer platform and using at least one of

40   the operating system programs, the master

input/output system automatically detecting

each of the programs installed on the

computer platform; and

a master element manager running on the computer

45   platform and using at least one of the

operating systems programs, the master

element manager capable of controlling the

system application programs when the system

application programs are in the pre-

50   determined configuration and the master

element manager, receiving commands from

the master input/output system to control the

system application program in a manner that

satisfies predetermined user requirements ;

55   and

a master user interface manager system having a

user requirement database manger capable of

receiving and storing user requirement

information from the master element manager

60   and communicating with the user by

predetermined activation methods such that,

upon activation, the master user interface

manager system instructs the user

requirement database manger to provide pre-

65   determined user information to the user by

predetermined methods using the user

information that has been provided to the user

requirement database by the master element

manager from at least one of the system

70   application programs as directed by the

control command received by the master

element manager from the master input/output

system.

43.   The master integrated technology system of claim 42

wherein at least one of the operating system platforms is an intranet

platform.

44.   The master integrated technology system of claim 42

wherein at least one of the application programs is located on the

Intranet.

45.   The master integrated technology system of claim 42

wherein at least one of the operating system platforms is an Internet

platform.

46.   The master integrated technology system of claim 42

wherein at least one of the application programs is located on the

Internet.

47.   A method for integrating a plurality of system application programs installed on a computer platform having at least one computer platform operating systems program, the method comprising the steps of:

> providing a master operating software system designed by the steps of:

> providing, first, a design matrix having at least two axes with the system application programs being represented on one of the axes, and user requirement elements for providing services to at least two of users of proximity services, owners of proximity services, operators of proximity services and financial services_being represented by another one of the axes, the system application programs each defining a particular technology, and each of the user requirement elements defining a particular user requirement;

locating one unique intersection point between each of

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the user requirement elements represented on one

of the axes and the system application programs

represented by another one of the axes in the

design matrix; and

developing a technology converter requirement for each

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intersection point, each technology converter

requirement using the system application program

at each intersection point to develop an output

satisfying the user requirement element at the

corresponding intersection point.

48.   A method for integrating a plurality of system application

programs installed on a computer platform having at least one

computer platform operating systems program, the method

comprising the steps of:

detecting, automatically by a master input/output system,

each of the system application programs installed

on the computer platform;

providing, by a master element manager, user information

to the system application programs so that the

system application programs configure themselves

into a predetermined configuration;

providing, upon activation, predetermined user

information to one of the system application

programs to control the system application program

when the system application program is in the

predetermined configuration; and

outputting, by the system application program, identified

user information to a master user interface manager

requirement database in response to receiving the

predetermined user information.

49. A method for integrating a plurality of system application programs installed on a computer platform having at least one computer platform operating systems program, the method comprising the steps of:

5   detecting, automatically by a master input/output system, each of the system application programs installed on the computer platform; and

receiving, by a master element manager running on the computer platform, commands from the master input/output system to control the system

10   application program in a manner that satisfies predetermined user requirements ; and

communicating, via a master user interface manager system having a user requirement database

15   manager receiving and storing user requirement information from the master element manager, pre-determined user information to a user using the user requirement information that has been

provided to the user requirement database by the

master element manager from at least one of the

system application programs as directed by a

control command received by the master element

5   manager from the master input/output system.